

FIG. 1

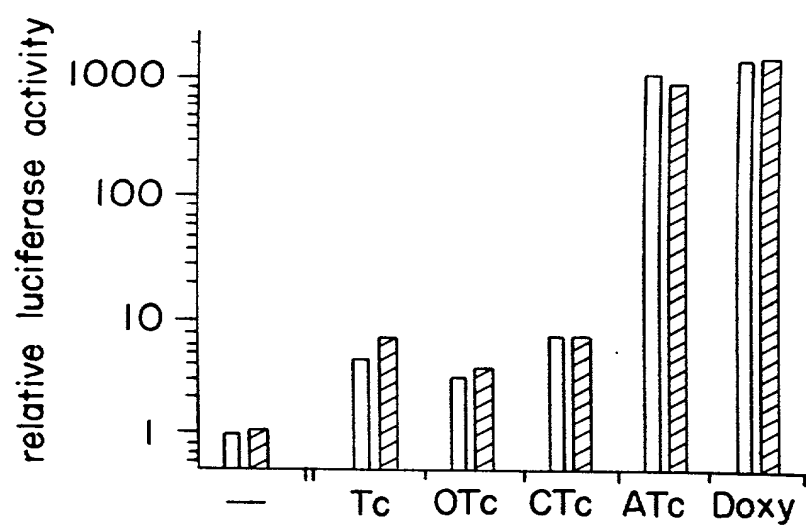


FIG.2

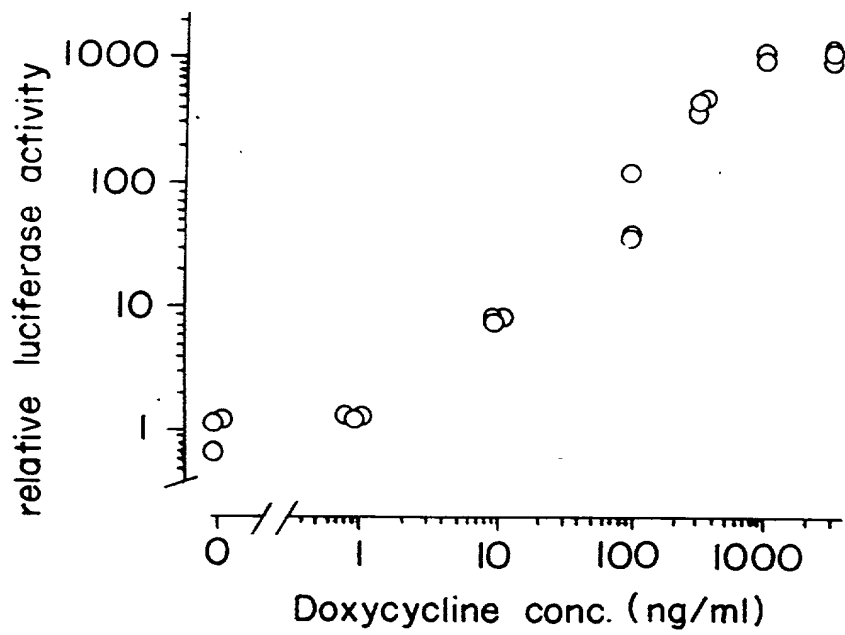


FIG. 3

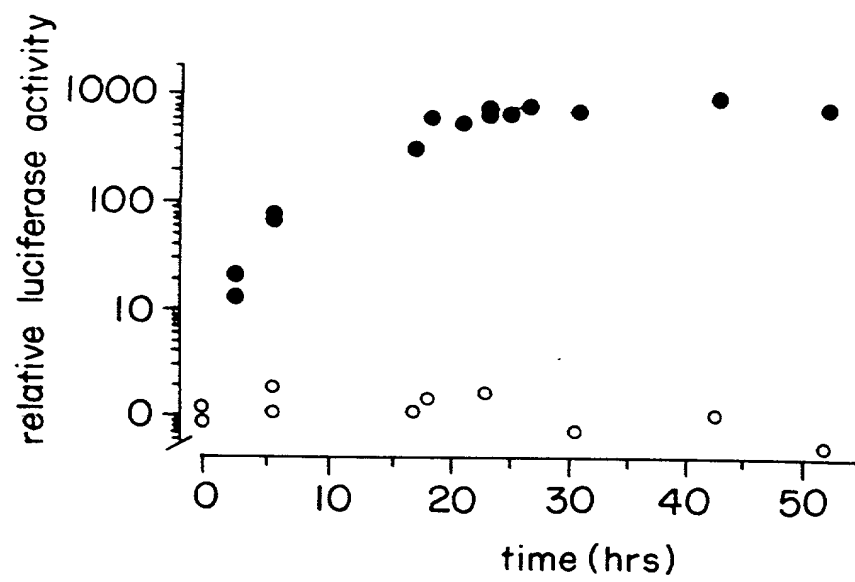
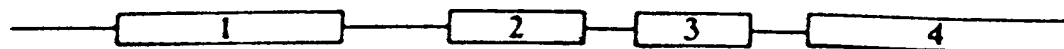


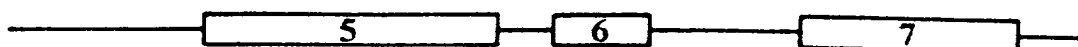
FIG. 4

H T H



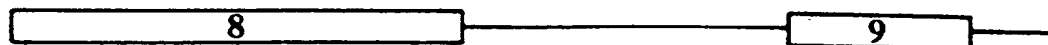
MSRLDKSKVINSALELLNEVGIEGLTTRKLAQKLGVEOPTLYWHVKNKRALLDALAIEMLDRH
 MA--NRES--DA--G---T--DE-----I-----V-I-A--
 MTK-QPNT--RA--D-----VD-----ER--Q--A---FR-----EA--AEN
 MNK-QREA--RT--G---D--M-----R--ER--Q--A---F-----EA--TIN
 MTK--GT--AAG-----MDS-----ER-K-Q--A---FQ-----PEA--RER
 MA--SLDD--SM--T--DSE-L-----S-KI-----R--QT-MNM-SEAI-AK-

63 B
D
A
C
G
E



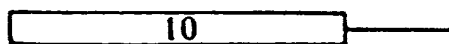
HTHFCPLEGESWQDFLRNNAKSFRCALLSHRDGAKVHLGTRPTEKQYETLENQLAFLCQOGFS
 -DYSL-AA-----S-----M---R---RY-----D---D-V-T--R-MTEN--
 --SV-RADD-RS--IG--R--Q---AY---RI-A---GAP-M--ADA--R--EA--
 --ST-RDDDD-RS--KG--C--R---AY---RI-A---AAP-M-KADA--R--DA--
 --RSL-E-N-D-RV--KE--L--T---Y---RI-A---PNFG-A-T-IR--AE--C
 --RSA--PT---Q--QE--L--K--V-----RL-I--S--PP-F-QA-A--RC--DA--

126 B
D
A
C
G
E



LENALYALSAVGHFTLGCVLEDQEHQVAKEERE TPTTDSMPPLLROAIELFDHQGA
 -ROG---I---S-----A---Q---TA-LTD-P AAPDENL-----E-LQIM-SODG
 AGD-VN--MTISY--V-A---E-AGDSESG--GG -VEQAPLS-----A--DA--EA-P
 AGD-T--H-ISY--V-A---Q-ASEADA--GEOQL-TSAST--AR-QS-MKIVYEA-P
 PKR-VW--R--S-YVV-S---Q-ASDAO --VPDRPDVSEQAPSSF-HVLFHELETD-M
 V-E--FI-QSIS-----A---E-ATNQIENNHV I-AA----QE-FNIQARTS-

182 B
182 D
183 A
186 C
184 G
179 E



EPAFLFGLLELIICGLEKQKCESGS
 -Q---H---SL-R-F-V--TALLQIVGGOKLIIPFC
 DA--EQ--AV-VD--A--RLVVRNVEGPRKGDD
 DA--ER--A---G---MRLTTNDIEVLKNVDE
 DA--N---DSL-A-F-RLRAAVLATD
 -M--H---KSL-F-FSA--DEKKHTPIEDGNK

207 B
218 C
216 A
219 C
210 G
211 E

MSRLDKSKVINSALELLNEVGIEGLTTRKLAQKLGVEOPTLYWHVKNKRALLDALAIEMLDRH
 MA--NRES--DA--G---T--DE-----I-----V-I-A--
 MTK-QPNT--RA--D-----VD-----ER--Q--A---FR-----EA--AEN
 MNK-QREA--RT--G---D--M-----R--ER--Q--A---F-----EA--TIN
 MTK--GT--AAG-----MDS-----ER-K-Q--A---FQ-----PEA--RER
 MA--SLDD--SM--T--DSE-L-----S-KI-----R--QT-MNM-SEAI-AK-

FIG. 5

A1	ACTTTATCACTGATAACA TGAAATAGTGACTATTGT	AACTTATCAGTGATAAGA TTGAATAGTCACTATTCT	A2
B1	ACTCTATCATTGATAGAGT TGAGATAGTAACCTATCTCA	TCCTCTATCAGTGATAGAGA AGGGATAGTCACTATCTCT	B2
C1	AGCTTTATCATCGATAAGCT TCGAAATAGTAGCTATTCTGA	AGTTTATCACAAGTTAAATTT TCAAATAGTGTCAAATTTAA	C2
D1	ACTCTATCATTGATAGGGA TGAGATAGTAACCTATCCCT	ACTCTATCATA TGATAGGGA TGAGATAGTTACTATCCCT	D2
E1	AATCTATCACCTGATAGAGT TTAGATAGTGACTATCTCA	ACCCTATCATCGATAGAGA TGGGATAGTAGCTATCTCT	E2

FIG. 6

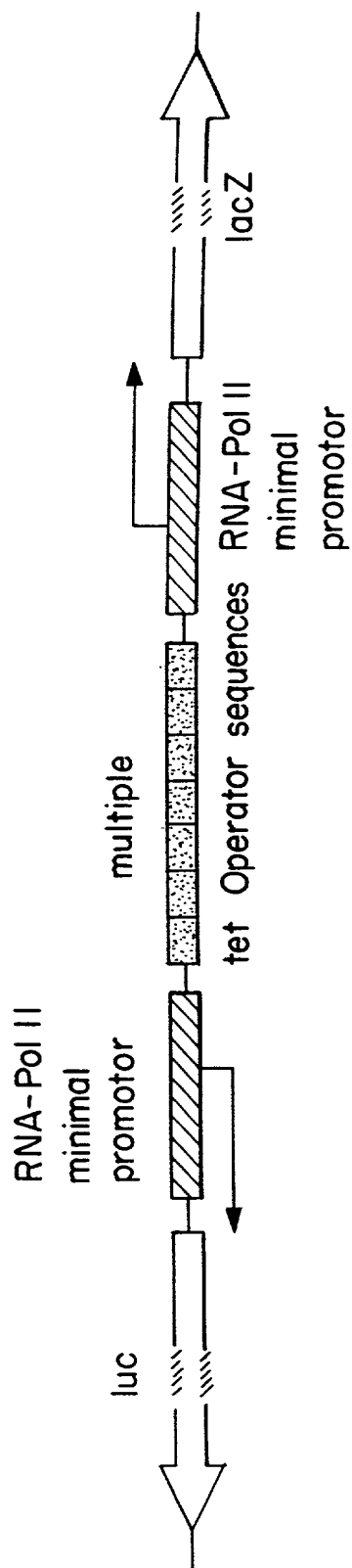


FIG. 7A

5' GAATTCGGGG
EcoRI + 75

CCGCGGAGGCTGGATCGGTCCCGGTGTCTTCTATGGAGGTCAAACAGCGTGG

+ 1
←
C

TGGCGTCTCCAGGCGATCTGACGGTTCCTAAACGAGCTCTGCTTATATAGG
P_{hCMV}*-3 -31

tet O

TC (GAGTTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAAGTC)₇GAGC

TCGGTACCCGGGTCGAGTAGGCGTGTACGGTGGGAGGCCATATATAAGCAGAG
P_{hCMV}*-4 -53

CTCGTTTAGTGAACCGTCAGATCGCCTGGAGACGCCATCCACGCTGTTTTGA
+ 1 →

CCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGCGGCCCGGGAATTC 3'
+ 75 EcoRI

FIG. 7B

5' ⁺¹⁹ AGATCTGCAGGGTCGC
Bgl II Pst I

← ⁺¹
A
TCGGTGTTCGAGGCCACACGCGTCACCTT AATATGCGAAGTGGACC GGATC
R_K* -37 -37

tet O
TC (GAGTTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAAGTC)₇ GAGC

TCGGTACCCGGGTCGAGTAGGCGTGTACGGTGGGAGGCCTATATAAGCAGAG
-53 P_{hCMV}* -1

CTCGTTTAGTGAACCGTCAGATCGCCTGGAGACGCCATCCACGCTGTTTTGA
+1 →

CCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGCGGCCCCGAATTC 3'
+75 EcoRI

FIG. 8A

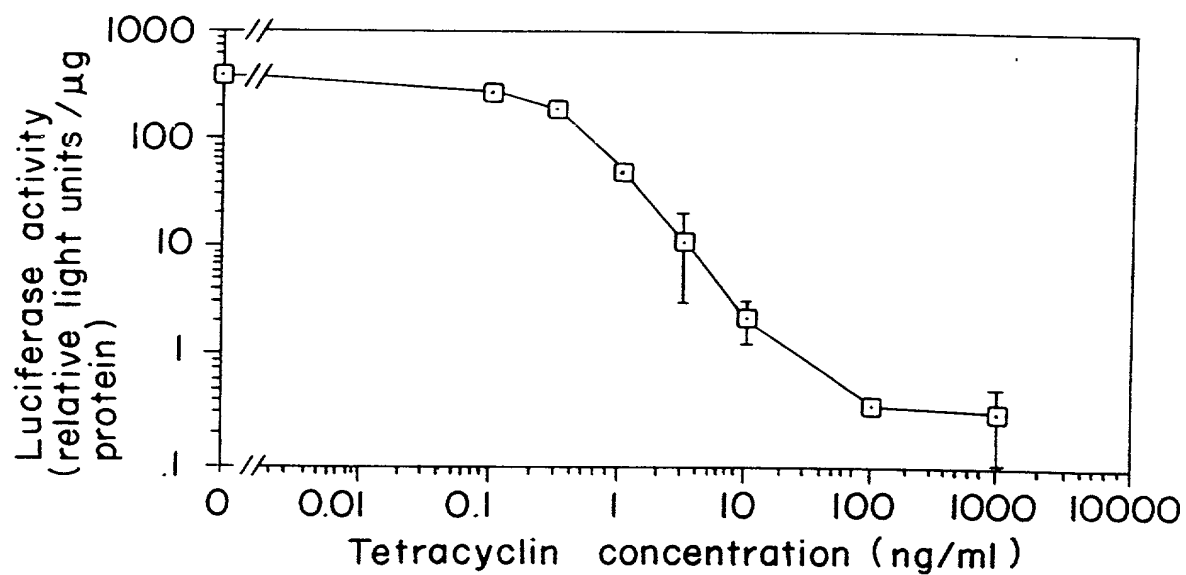


FIG. 8B

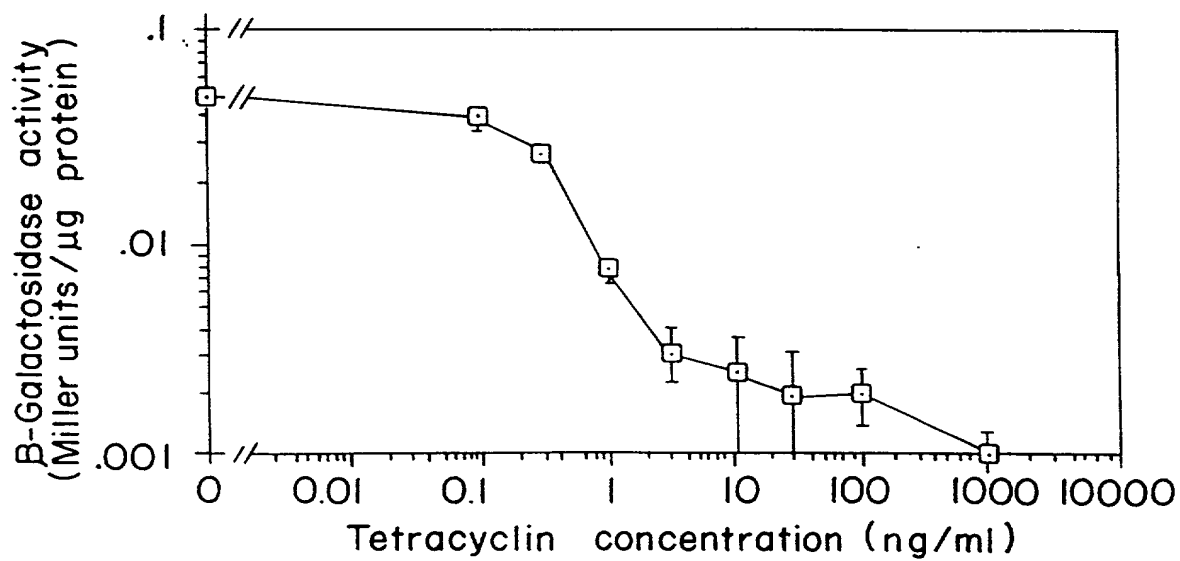


FIG. 9A

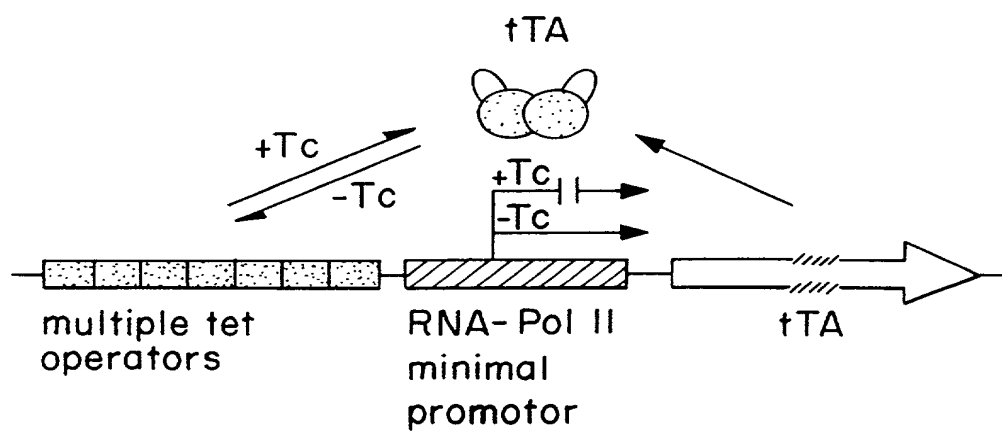


FIG. 9B

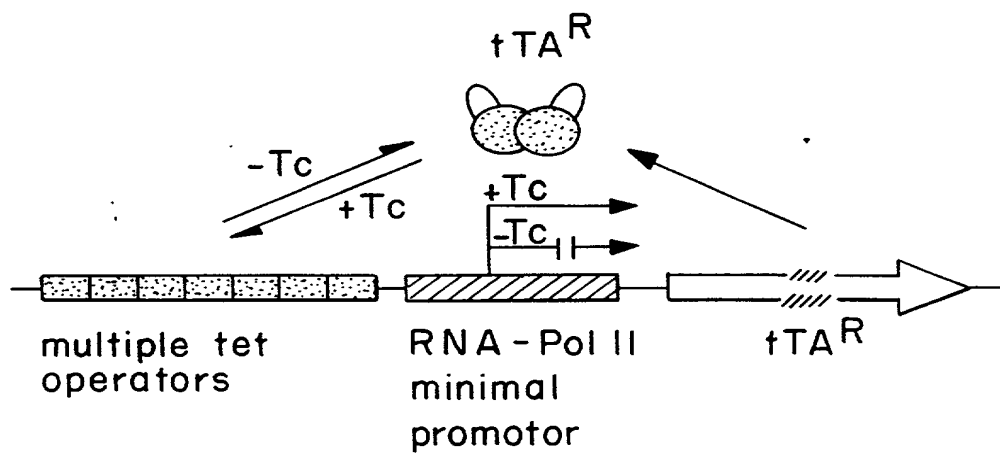


FIG.10

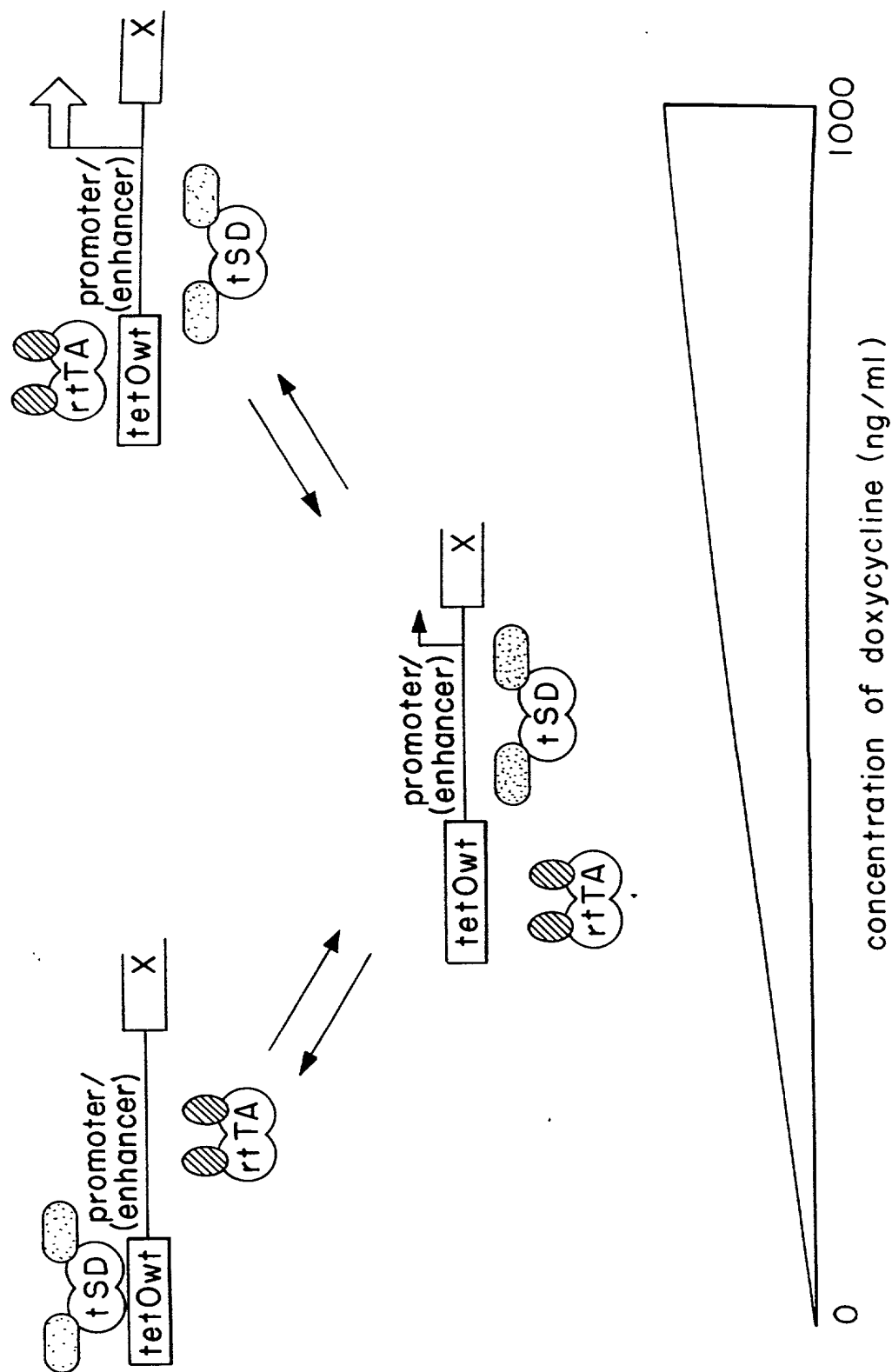


FIG. 11

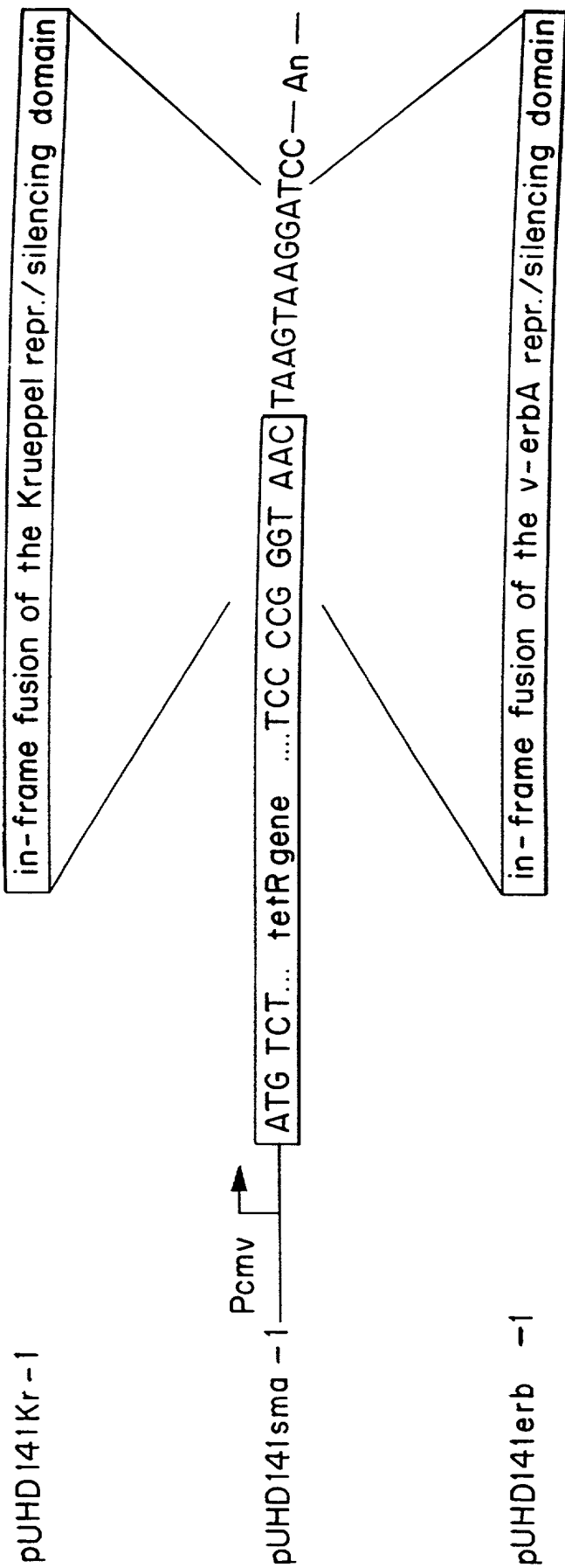


FIG. 12

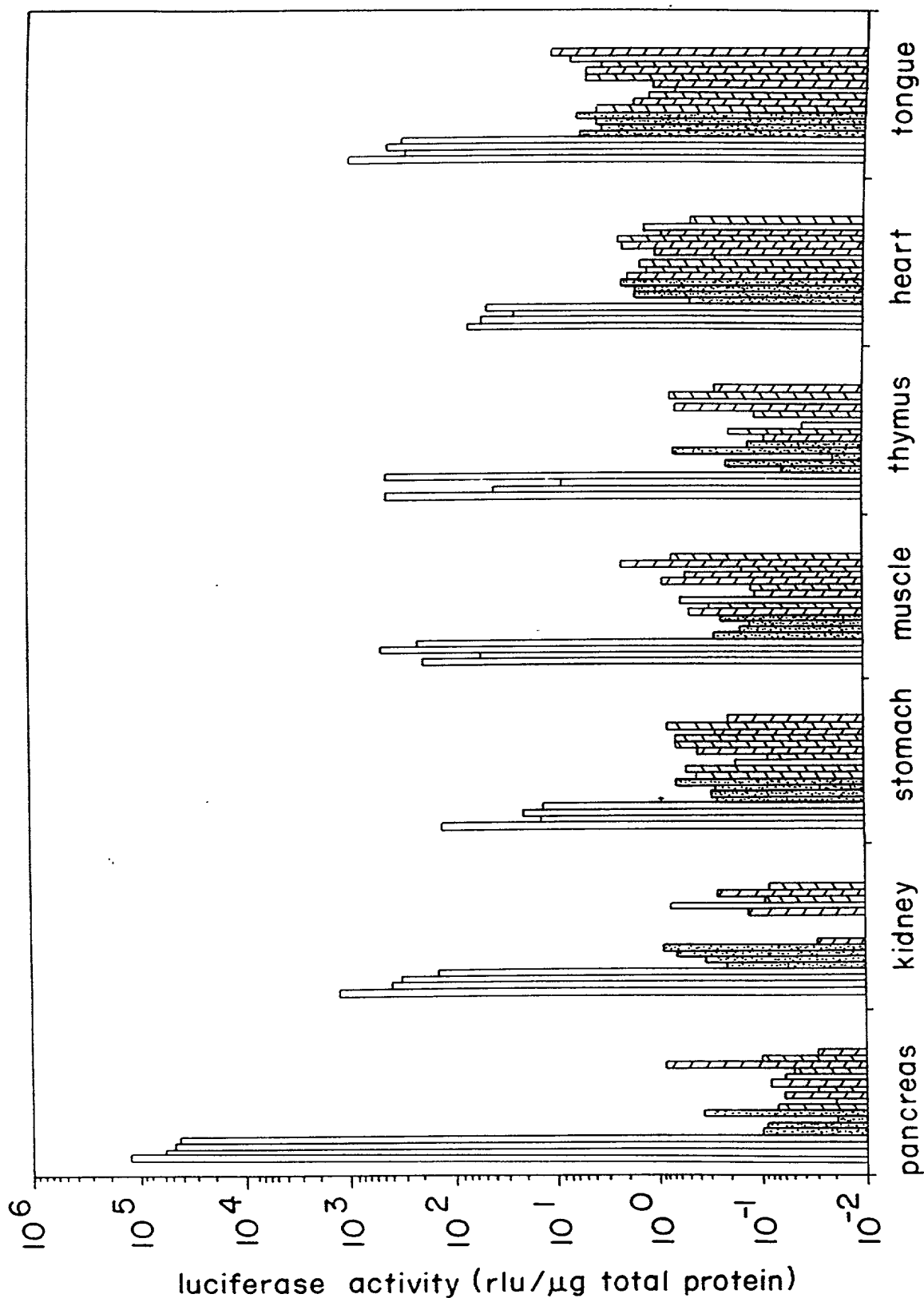


FIG. 13

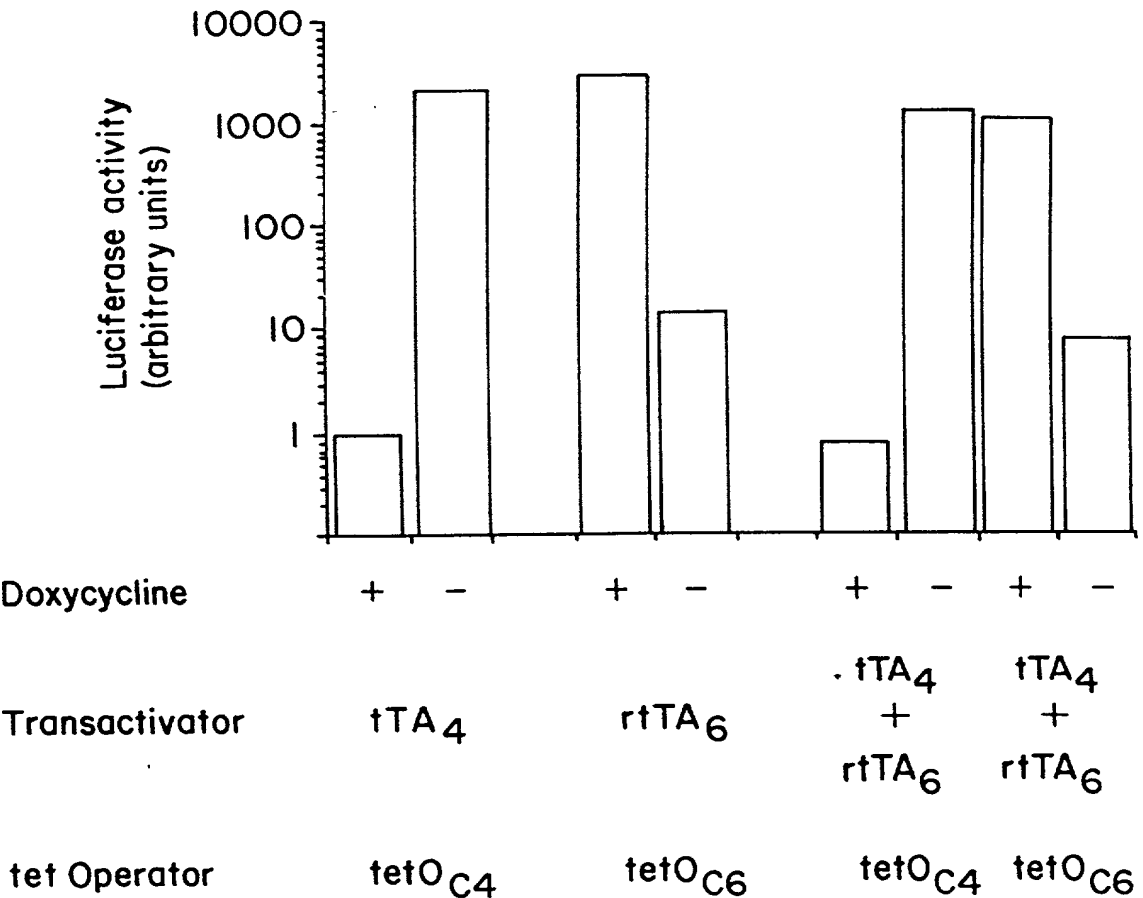


FIG.14A

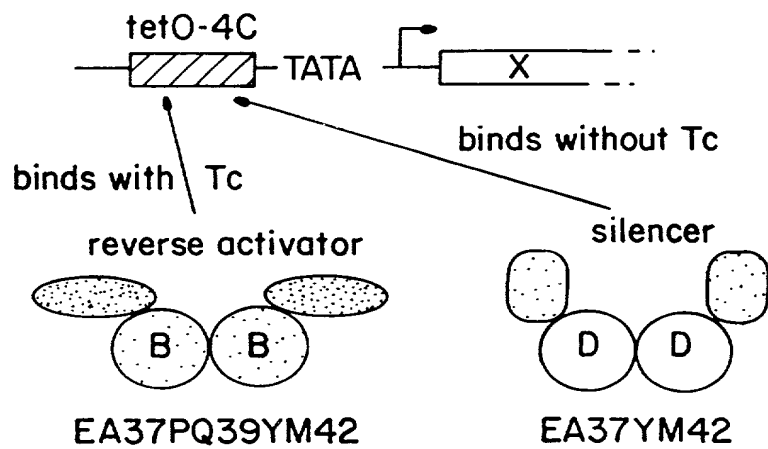


FIG.14B

